

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	522	(427/301).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 22:17
S1	92533	substrate and hydroxyl and amino	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:17
S2	4201	S1 and "lithium aluminum hydride"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:19
S3	10	S2 and trench	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:20
S4	23	S2 and "surface treatment"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:32
S5	0	(427/554,316,322,337,399,412)", ccls."	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:22
S6	4605	(427/554,316,322,337,399,412). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:23

## EAST Search History

S7	629	S6 and (hydroxyl hydroxide OH) and (amino amine "NH.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:13
S8	34	S7 and hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:24
S9	144	perfluorodecyltriethoxysilane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:37
S10	44407	(aminopropyl)trimethoxysilane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:37
S11	2848	"3-(aminopropyl)trimethoxysilane"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:38
S12	2180	S11 and (hydroxyl hydroxide OH)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:48
S13	16	S12 and "lithium aluminum hydride"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:23

## EAST Search History

S14	1584	S12 and substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:48
S15	129	S14 and hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:14
S16	62045	substrate and reduction and hydroxyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:12
S17	435	S16 and "3-(aminopropyl)trimethoxysilane"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:12
S19	586	S18 and "3-(aminopropyl)trimethoxysilane"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:25
S20	0	plastic and substrate and "thermal anneal\$3" and "laser scrib\$3"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:17
S21	0	substrate and "thermal anneal\$3" and "laser scrib\$3"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:18

## EAST Search History

S22	1	substrate and "thermal annealing" and "laser scribe"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:18
S23	1844	S18 and aminated	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:22
S24	49	S23 and organosilane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:20
S25	82926	substrate and functional and hydroxyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:23
S26	65112	S25 and amino	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:23
S27	9728	S26 and hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:23
S28	641	S27 and anneal\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:23

## EAST Search History

S29	586	S18 and "3-(aminopropyl)trimethoxysilane"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:25
S30	2	"plastic substrate" and trench and "surface modification" and "chemical reduction"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 09:58
S31	26	("lithium aluminum hydride" "LAH" "LiAlH.sub.4") and "3-(aminopropyl)trimethoxysilane"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 10:03
S32	26	("aluminum hydride") and "3-(aminopropyl)trimethoxysilane"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 10:05
S33	516	substrate and trench and anneal and hydroxyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 10:05
S34	160	terminat\$ same (hydroxyl oh!) same (pmma (polymethyl adj methacrylate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:29
S35	425	terminat\$ same (hydroxyl oh!) with (react\$4 functional\$8) with (siloxane t\$5ethoxysilane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:30

## EAST Search History

S36	4609	(427/554,316,322,337,399,412). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:13
S37	631	S36 and (hydroxyl hydroxide OH) and (amino amine "NH.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:13
S38	2864	"3-(aminopropyl)trimethoxysilane"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:14
S39	2191	S38 and (hydroxyl hydroxide OH)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:14
S40	1592	S39 and substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:14
S41	131	S40 and hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:17
S42	1231	((lithium adj aluminum adj hydride) LAH) with (hydroxyl oh!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:18

## EAST Search History

S43	1	S42 with pmma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:18
S44	1	S42 same pmma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:18
S45	1	S42 and pmma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:18
S46	0	S42 and polymethylmethacrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:18
S47	631	S36 and (hydroxyl hydroxide OH) and (amino amine "NH.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:20
S48	34	S47 and hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:20
S49	17	S39 and "lithium aluminum hydride"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:23

## EAST Search History

S50	34	S47 and hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:26
S51	334	((lithium adj aluminum adj hydride) or LAH) with ester with (hydroxyl or oh!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:02
S52	15	((terminat\$) with (hydroxide or hydroxyl or oh!)) and microfluidic and hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 20:29
S53	4	SE89-00187	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:02
S54	33322	lithium adj aluminum adj hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:33
S55	1098234	hydroxyl oh!	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:33
S56	4231	S54 same S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:33



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	83730	pmma polymethylmethacrylate (polymethyl adj methacrylate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 17:50
S2	1479009	hydroxyl hydroxylat\$3 hydroxide oh!	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 17:51
S3	3408	S1 same S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 17:52
S4	35611	"lithium aluminum hydride" LAH "lial adj h.sub.4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 17:52
S5	3	S3 same S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 17:52
S6	19	S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 17:55
S7	274	S1 and S2 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:02

## EAST Search History

S8	2356	"surface modification" and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:00
S9	1503	S8 and (hydroxyl oh! hydroxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:17
S10	144	S9 and (aminopropyltrimethoxysilane (aminopropyl adj trimethoxysilane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:10
S11	4302	S1 and uniform\$2 and terminat\$3 and (hydroxyl hydroxide oh!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:36
S12	3060	S1 and uniform\$2 and terminat\$3 and (hydroxyl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:48
S13	2930	S1 and uniform\$2 and terminat\$3 and (hydroxyl) and surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:19
S14	537	S12 and monolayer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:37

## EAST Search History

S15	14323	"lithium aluminum hydroxide" ("lialh.sub.4") (lial adj "h.sub.4") LAH	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:16
S16	274	S1 and S2 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:09
S17	19	S1 and S15 and "surface modification"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:39
S18	30	S12 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:19
S19	28131	S1 and surface and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:16
S20	27944	S1 and surface and (hydroxyl oh! hydroxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:17
S21	22197	S1 and surface and (hydroxyl oh!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:17

## EAST Search History

S22	175	S21 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:17
S23	2930	S12 and surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:19
S24	48	S23 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 19:20
S25	3	functionalize same oh! same hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:39
S26	9	terminate same oh! same hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:40
S27	7494	group same hydroxyl same hydride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:40
S28	83730	pmma polymethylmethacrylate (polymethyl adj methacrylate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:48

## EAST Search History

S29	420	S28 and uniform\$2 and terminat\$3 and (hydroxyl) and (hydride LAH)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:49
S30	51	S28 and uniform\$2 and terminat\$3 and (hydroxyl) and ((lithium adj aluminum adj hydride) LAH)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:51
S31	15	((lithium adj aluminum adj hydride) LAH) with terminat\$ with (hydroxide hydroxyl oh!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:53
S32	442	((lithium adj aluminum adj hydride) LAH) with ester with (hydroxide hydroxyl oh!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:56
S33	3275	hydride with oh!	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:57
S34	754	(lithium adj aluminum adj hydride) with oh!	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:58
S35	1	(lithium adj aluminum adj hydride) with oh! with surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:58

## EAST Search History

S36	1178	hydride with functionalis\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:58
S37	125	(lithium adj aluminum adj hydride) with functionalis\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 21:58